

**SVI TRACTION CONTROL SYSTEM (TCS)  
OPERATING INSTRUCTIONS FOR THE POLARIS RANGER  
POLARIS RANGER OWNERS MANUAL SUPPLEMENT**

04AUG2021 REV3

For RANGER 1000 CREW 1000, XP1000 and XP1000 CREW with the 2 switch TCS installed.

SVI PNs 15-040, 15-047

This Owners Manual Supplement replaces the AWD/Differential Lock Switch section under FEATURES AND CONTROLS and the All Wheel Drive (AWD) section under OPERATION.

Place this supplement in the Owners Manual.

**OBSERVE ALL OWNERS MANUAL SAFETY INSTRUCTIONS AND WARNINGS.**

**TRACTION CONTROL OPERATION** – With the SVI Traction Control System (TCS) the front drive can be activated separately from the rear differential lock. When activated (FRONT DRIVE switch ON), the front drive automatically engages when the rear loses traction. With TCS, when the front drive engages, and the rear differential is unlocked:

1. TCS eliminates rear wheel drive shaft stress when turning especially with heavy loads.
2. TCS enables sharp turning and reduces “pushing” when in mud or on ice.
3. TCS provides capability to drive on grass and fragile terrain with all wheels driving without turf damage.

**FRONT DRIVE** – When the FRONT DRIVE switch is ON the green light on switch is illuminated, the front drive is activated. Front drive will engage instantly when the rear slips.

**REAR DIFLOC** – When the REAR DIFLOC switch is ON the switch will blink red and the rear differential locks. This switch is located on the dash and is normally OFF and green light is illuminated. Turn the REAR DIFLOC switch ON only when the rear must be locked together for traction in mud or snow or to climb over obstacles such as logs or rocks. Turn the REAR DIFLOC switch OFF during all other operation. Drivetrain damage may result if turning on turf or pavement with the REAR DIFLOC switch ON especially if the RANGER is loaded.

The front drive may stay engaged when changing direction from forward to reverse or vice-versa when under a tractive load. If this occurs, you may notice increased steering effort and some vehicle speed restriction. If this happens stop and back up 10 feet. Repeat if necessary.

The rear differential may stay locked if the REAR DIFLOC switch is turned OFF while under a tractive load. If this happens interrupt the foot accelerator momentarily. If still locked, stop and back up 10 feet. Repeat if necessary.

SVI Sales, 5112 Northstar Lane Suite 2, Nisswa MN 56468 218-967-8205 [www.duraclutch.com](http://www.duraclutch.com)